

Mehmet Emin BÃ¼yÃ¼kokuÄlu

List of Publications by Year in descending order

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46
papers

2,426
citations

279798

23
h-index

265206

42
g-index

46
all docs

46
docs citations

46
times ranked

3250
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant, antimicrobial, antiulcer and analgesic activities of nettle (<i>Urtica dioica</i> L.). <i>Journal of Ethnopharmacology</i> , 2004, 90, 205-215.	4.1	619
2	In vitro antioxidant properties of dantrolene sodium. <i>Pharmacological Research</i> , 2001, 44, 491-494.	7.1	193
3	Metal chelating and hydrogen peroxide scavenging effects of melatonin. <i>Journal of Pineal Research</i> , 2003, 34, 278-281.	7.4	162
4	Melatonin reduces lipid peroxidation and nitric oxide during irradiation-induced oxidative injury in the rat liver. <i>Journal of Pineal Research</i> , 2003, 34, 173-177.	7.4	128
5	Antihyperglycemic and antioxidative potential of <i>Matricaria chamomilla</i> L. in streptozotocin-induced diabetic rats. <i>Journal of Natural Medicines</i> , 2008, 62, 284-293.	2.3	118
6	In Vitro and in Vivo Effects of Dantrolene on Carbonic Anhydrase Enzyme Activities. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 613-616.	1.4	109
7	Beneficial effects of <i>Foeniculum vulgare</i> on ethanol-induced acute gastric mucosal injury in rats. <i>World Journal of Gastroenterology</i> , 2007, 13, 607.	3.3	99
8	Protective potential of Royal Jelly against carbon tetrachloride induced-toxicity and changes in the serum sialic acid levels. <i>Food and Chemical Toxicology</i> , 2010, 48, 2827-2832.	3.6	96
9	Melatonin Protects Rat Liver against Irradiation-induced Oxidative Injury. <i>Journal of Radiation Research</i> , 2003, 44, 211-215.	1.6	88
10	Beneficial Effect of N-Acetylcysteine against Organophosphate Toxicity in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 490-494.	1.4	72
11	Protective effects of dantrolene against myocardial injury induced by isoproterenol in rats: biochemical and histological findings. <i>International Journal of Cardiology</i> , 2005, 98, 389-394.	1.7	71
12	Antioxidative role of melatonin in organophosphate toxicity in rats. <i>Cell Biology and Toxicology</i> , 2008, 24, 151-158.	5.3	50
13	The effects of aqueous extract of <i>Lavandula angustifolia</i> flowers in glutamate-induced neurotoxicity of cerebellar granular cell culture of rat pups. <i>Journal of Ethnopharmacology</i> , 2003, 84, 91-94.	4.1	42
14	Dantrolene can reduce secondary damage after spinal cord injury. <i>European Spine Journal</i> , 2009, 18, 1442-1451.	2.2	42
15	The Effect of Melatonin on Peripheral Blood Cells during Total Body Irradiation in Rats.. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 656-657.	1.4	38
16	Protective effect of <i>Matricaria chamomilla</i> on ethanol-induced acute gastric mucosal injury in rats. <i>Pharmaceutical Biology</i> , 2010, 48, 757-763.	2.9	38
17	Mechanism of the beneficial effects of dantrolene sodium on ethanol-induced acute gastric mucosal injury in rats. <i>Pharmacological Research</i> , 2002, 45, 421-425.	7.1	36
18	Dantrolene may prevent organophosphate-induced oxidative stress and muscle injury. <i>Pesticide Biochemistry and Physiology</i> , 2008, 92, 156-163.	3.6	34

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19	Effects of Gentamicin Sulfate on Enzyme Activities of Carbonic Anhydrase from Human Erythrocytes in Vitro and from Rat Erythrocytes in Vivo.. Biological and Pharmaceutical Bulletin, 2002, 25, 966-969.	1.4	33
20	Protective effects of melatonin against myocardial injury induced by isoproterenol in rats. Journal of Pineal Research, 2003, 35, 75-79.	7.4	30
21	Does dexmedetomidine reduce secondary damage after spinal cord injury? An experimental study. European Spine Journal, 2009, 18, 336-344.	2.2	29
22	Protective roles of vitamin E (Î±-tocopherol), selenium and vitamin E plus selenium in organophosphate toxicity in vivo: A comparative study. Pesticide Biochemistry and Physiology, 2010, 96, 113-118.	3.6	29
23	The Effects of Newly Synthesized Pyrazole Derivatives on Formaldehyde-, Carrageenan-, and Dextran-Induced Acute Paw Edema in Rats.. Biological and Pharmaceutical Bulletin, 2001, 24, 1133-1136.	1.4	24
24	Royal jelly can diminish secondary neuronal damage after experimental spinal cord injury in rabbits. Food and Chemical Toxicology, 2012, 50, 2554-2559.	3.6	22
25	Prevention of acute adriamycin cardiotoxicity by dantrolene in rats. Human and Experimental Toxicology, 2004, 23, 251-256.	2.2	20
26	Antioxidant Enzyme and Element Status in Heroin Addiction or Heroin Withdrawal in Rats: Effect of Melatonin and Vitamin E Plus Se. Biological Trace Element Research, 2011, 139, 41-54.	3.5	19
27	The Roles of Melatonin and Vitamin E Plus Selenium in Prevention of Oxidative Stress Induced by Naloxone-Precipitated Withdrawal in Heroin-Addicted Rats. Biological Trace Element Research, 2011, 142, 55-66.	3.5	18
28	Effects of ziprasidone, SCH23390 and SB277011 on spatial memory in the Morris water maze test in naive and MK-801 treated mice. Pharmacology Biochemistry and Behavior, 2015, 138, 142-147.	2.9	18
29	Anti-inflammatory and antinociceptive properties of dantrolene sodium in rats and mice. Pharmacological Research, 2002, 45, 455-460.	7.1	17
30	Dantrolene protects erythrocytes against oxidative stress during whole-body irradiation in rats. Cell Biochemistry and Function, 2003, 21, 127-131.	2.9	16
31	Effects of vitamin E and selenium on tissue bio-element status in organophosphate toxicity of rats. Pesticide Biochemistry and Physiology, 2010, 98, 9-18.	3.6	15
32	l-carnitine protects against glutamate- and kainic acid-induced neurotoxicity in cerebellar granular cell culture of rats. Brain and Development, 2005, 27, 570-573.	1.1	14
33	Tissue trace and major element levels in organophosphate insecticide fenthion (LebaycidÂ®) toxicity in rats: Prophylactic and therapeutic effect of exogenous melatonin. Ecotoxicology and Environmental Safety, 2010, 73, 206-212.	6.0	14
34	THE EFFECTS OF ETHANOL ON GLUCOSE 6-PHOSPHATE DEHYDROGENASE ENZYME ACTIVITY FROM HUMAN ERYTHROCYTES IN VITRO AND RAT ERYTHROCYTES IN VIVO. Alcohol and Alcoholism, 2002, 37, 327-329.	1.6	13
35	Involvement of serotonin receptor subtypes in the antidepressant-like effect of beta receptor agonist Amibegron (SR 58611A): An experimental study. Pharmacology Biochemistry and Behavior, 2013, 105, 12-16.	2.9	13
36	Protective effect of l-carnitine against bilirubin-induced neuronal cell death. Brain and Development, 2006, 28, 436-439.	1.1	12

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37	Evidence that the anxiolytic-like effects of the beta3 receptor agonist Amibegron involve serotonergic receptor activity. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 110, 27-32.	2.9	12
38	Protective effects of dantrolene and methylprednisolone against spinal cord injury-induced early oxidative damage in rabbit bladder: A comparative experimental study. <i>Advances in Clinical and Experimental Medicine</i> , 2019, 28, 1697-1704.	1.4	8
39	Serum and Liver Tissue Bio-Element Levels, and Antioxidant Enzyme Activities in Carbon Tetrachloride-Induced Hepatotoxicity: Protective Effects of Royal Jelly. <i>Journal of Medicinal Food</i> , 2012, 15, 747-752.	1.5	6
40	Pyridoxine May Protect the Cerebellar Granular Cells Against Glutamate-Induced Toxicity. <i>International Journal for Vitamin and Nutrition Research</i> , 2007, 77, 336-340.	1.5	5
41	Effects of long-term treatment with haloperidol, clozapine and aripiprazole on mice isolated vas deferens. <i>International Urology and Nephrology</i> , 2017, 49, 1561-1567.	1.4	3
42	Time-dependent effects of dantrolene on motor evoked potentials in experimental spinal cord injuries. <i>Neurological Research</i> , 2019, 41, 802-810.	1.3	1
43	In Vitro Effects of Dantrolene Sodium and Verapamil on Noradrenaline-Induced Contractions of Rabbit Aorta and Their Interactions. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2002, 13, 193-200.	1.3	0
44	Desipramin, venlafaksin ve bupropionun farelerdeki depresyon ve anksiyete üzerine etkilerinin zorunlu yavaşlama testi ve yavaşletimi artırıcı labirent testi ile değerlendirilmesi. <i>Sakarya Medical Journal</i> , 2018, 8, 820-829.	0.1	0
45	Chronic Effects of Ziprasidone, Aripiprazole, Blonanserin, Cyamemazine, and Nemonapride on Mice Isolated Detrusor Smooth Muscle. <i>Online Türk Sağlık Bilimleri Dergisi</i> , 0, , .	0.5	0
46	The Effects of Oxybutynin on Learning and Memory Functions In Passive Avoidance and Morris Water Maze Tests In Mice. <i>Sakarya Medical Journal</i> , 0, , .	0.1	0